

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 March 2003 (06.03.2003)

PCT

(10) International Publication Number
WO 03/018408 A3

(51) International Patent Classification⁷: **B65D 85/10, 5/66**

(21) International Application Number: PCT/IB02/03170

(22) International Filing Date: 8 August 2002 (08.08.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
BO2001A000522 22 August 2001 (22.08.2001) IT

(71) Applicant (for all designated States except US): **G.D. S.P.A.** [IT/IT]; Via Battindarno, 91, I-40133 Bologna (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CONTI, Igino**

[IT/IT]; Via Vallescura, 31, I-40136 Bologna (IT). **STIVANI, Eros** [IT/IT]; Via Bonafede 22, I-40139 Bologna (IT). **DRAGHETTI, Fiorenzo** [IT/IT]; Via San Donino, 506, I-40059 Medicina (IT).

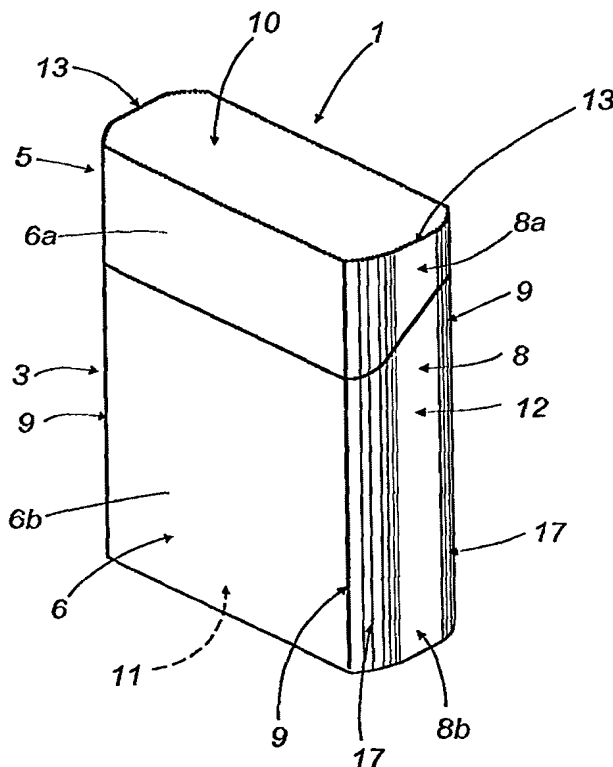
(74) Agents: **BIANCIARDI, Ezio** et al.; Bugnion S.p.A., Via Goito, 18, I-40126 Bologna (IT).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW),

[Continued on next page]

(54) Title: A RIGID PACKET WITH A HINGED LID



(57) Abstract: A packet (1) of rigid type with a hinged lid (5), appearing substantially parallelepiped in shape with sharp longitudinal corner edges (9), presents a front face (6), a rear face (7), and two convexly profiled flank faces (8) each presenting a flat central portion (12) and two precreased radiused lateral bands (17) merging along one side with the flat central portion (12) and joined along the other respectively to the front face (6) and to the rear face (7) by way of the sharp corner edges (9).

WO 03/018408 A3



Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK,
TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
GW, ML, MR, NE, SN, TD, TG).

(88) Date of publication of the international search report:
5 June 2003

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 02/03170

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B65D85/10 B65D5/66

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B65D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 36 24 345 A (BAT CIGARETTENFAB GMBH) 28 January 1988 (1988-01-28) the whole document	1-6,8
A	-----	7,9
A	US 6 276 600 B1 (RIGBY WILLIAM ROGER) 21 August 2001 (2001-08-21) figures	1
A	-----	1
A	US 5 904 244 A (FOCKE HEINZ ET AL) 18 May 1999 (1999-05-18) figures	1
A	-----	1
A	US 5 896 984 A (FOCKE HEINZ ET AL) 27 April 1999 (1999-04-27) figures	1
	----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

° Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

16 December 2002

Date of mailing of the international search report

27/12/2002

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Spettel, J

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB 02/03170

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 143 282 A (PHAM XUAN M) 1 September 1992 (1992-09-01) figures ----	1
A	DE 40 32 870 A (FOCKE & CO) 23 April 1992 (1992-04-23) figures ----	1
A	DE 36 15 828 A (REEMTSMA H F & PH) 12 November 1987 (1987-11-12) figures -----	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB 02/03170

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 3624345	A	28-01-1988	DE 3624345 A1	28-01-1988
			DE 3645111 C2	20-12-1990
US 6276600	B1	21-08-2001	NONE	
US 5904244	A	18-05-1999	DE 19648240 A1	28-05-1998
			JP 10236471 A	08-09-1998
US 5896984	A	27-04-1999	DE 19644759 A1	30-04-1998
			BR 9705159 A	06-04-1999
			CN 1181342 A ,B	13-05-1998
			EP 0841263 A1	13-05-1998
			JP 10230931 A	02-09-1998
			RU 2129084 C1	20-04-1999
US 5143282	A	01-09-1992	NONE	
DE 4032870	A	23-04-1992	DE 4032870 A1	23-04-1992
DE 3615828	A	12-11-1987	DE 3615828 A1	12-11-1987